

[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Maps](#) [more »](#)

site:citeseer.ist.psu.edu compare swap link list

Search

[Advanced Search](#)  
[Preferences](#)

## Web

Results 11 - 108 of about 116 from citeseer.ist.psu.edu for compare swap link list. (0.40 seconds)

[Not Just Links - Ranking](#)[www.RegisterEverywhere.com](#)Sponsored Links  
Get Inbound Links To Point To Your Site. Plus Get First Page Ranking!

Sponsored Links

[Automated Link Exchange](#)[www.LinksMaster.com](#) Instantly link with 7,400 members. Earn \$10.00 a month per referral.[New Link Exchange System](#)Free. Non Reciprocal. Not link farm  
Over 2500 quality member sites.  
[www.x-href.com](#)[Citations: Implementation of General-Purpose Atomic Primitives for ...](#)Lock-Free **Linked Lists** Using **Compare-and-Swap** - Valois (1995) (33 citations)  
(Correct) ....the Load Locked and Store Conditional primitives, ...  
[citeseer.ist.psu.edu/context/615305/0](#) - 14k - [Cached](#) - [Similar pages](#)[Massive Link Popularity](#)Deliver 100,000 targeted prospects  
to your site starting in 24 hours.  
[i-web-marketing.com](#)[Citations: Locking without Blocking: Making Lock Based Concurrent ...](#)Lock-Free **Linked Lists** Using **Compare-and-Swap** - Valois (1995) (33 citations)  
(Correct) ....TRUE 4 else 5 return FALSE END ATOMIC Figure 1: The **Compare Swap** ...  
[citeseer.ist.psu.edu/context/64915/0](#) - 41k - [Cached](#) - [Similar pages](#)[Link-Exchange Newsletter](#)Get PR4 - PR 7 Linkexchange Offers.  
Weekly new sites. No costs.  
[linkexchange-newsletter.com](#)[Citations: Implementing Lock-Free Queues - Valois \(ResearchIndex\)](#)Valois [26] proposed a non blocking implementation of **linked lists**. ... Lock-Free  
**Linked Lists** Using **Compare-and-Swap** - Valois (1995) (33 citations) ...  
[citeseer.ist.psu.edu/context/1471/67438](#) - 33k - [Cached](#) - [Similar pages](#)[Link Exchange](#)Free Search Engine Marketing Report  
for your Website at EZ Rankings.  
[www.EZRankings.com](#)[A Pragmatic Implementation of Non-Blocking \*\*Linked-Lists\*\* - Harris ...](#)34 Lock-free **linked lists** using **compare-and-swap** - Valois - 1995 15 Non-blocking  
synchronization and system design - Greenwald - 1999 ...  
[citeseer.ist.psu.edu/harris01pragmatic.html](#) - 22k - [Cached](#) - [Similar pages](#)[Painless backlinks](#)I hate link exchanges too. Destroy  
your competition; I show you how.  
[www.WebPublishingBlog.com](#)[Citations: Non-Blocking Algorithms for Concurrent Data Structures ...](#)Managing Long **Linked Lists** Using Lock Free Techniques - Farook, Graham  
(Correct) ... **compare** and **swap** using load **linked** store conditional and vice versa. ...  
[citeseer.ist.psu.edu/context/430741/316036](#) - 18k - [Cached](#) - [Similar pages](#)[Back Link Directory](#)Get your back link today!  
Get the exposure your website needs  
[www.backlinknow.com](#)[Citations: Performance issues in non-blocking synchronization on ...](#)Anderson and Woll [2] use **Compare Swap** to design efficient asynchronous  
algorithms for ... Lock-Free **Linked Lists** Using **Compare-and-Swap** - Valois (1995)  
(33 ...  
[citeseer.ist.psu.edu/context/5867/0](#) - 39k - [Cached](#) - [Similar pages](#)[Free Link Exchange](#)Takes 1 minute to add  
Add your link. Better seo  
[www.powzam.com](#)[Citations: A Method for Implementing Lock-Free Shared Data ...](#)Managing Long **Linked Lists** Using Lock Free Techniques - Farook, ... A leading  
candidate among such operations is double **compare** and **swap** (DCAS) a CAS ...  
[citeseer.ist.psu.edu/context/68839/0](#) - 36k - [Cached](#) - [Similar pages](#)[Link Exchange](#)Find Quality Link Exchange Partners  
by Learning about Your Competitors.  
[www.linksurvey.com](#)[Citations: A pragmatic implementation of non-blocking linked lists ...](#)A Practical Multi-Word **Compare-and-Swap** Operation - Harris, Fraser, Pratt (2002)  
(6 ... TL Harris, A pragmatic implementation of nonblocking **linked lists**, ...  
[citeseer.ist.psu.edu/context/1967682/502555](#) - 14k - [Cached](#) - [Similar pages](#)[Link Exchange - Free](#)Let's exchange links! Get added  
to our Partner Directory for free.  
[CreditCard321.com](#)[Citations: A Lock-Free Multiprocessor OS Kernel - Massalin, Pu ...](#)Such algorithms use low level atomic primitives such as **compare** and **swap** through  
careful ... This is particularly true as the size of the **linked list** grows. ...  
[citeseer.ist.psu.edu/context/12656/50389](#) - 36k - [Cached](#) - [Similar pages](#)[Free Text Links Exchange](#)Automated 3400+ Free Text Links  
Exchange. Why Pay for Links?  
[www.easylinktrade.com](#)[Citations: A Method for Implementing Lock-Free Data Structures ...](#)... implementation of a concurrent set, with a **linked list** data structure. ... a data  
structure into a non blocking one; their method employs **compare swap**. ...  
[citeseer.ist.psu.edu/context/158035/0](#) - 20k - [Cached](#) - [Similar pages](#)[Free PR4 Link Exchange](#)Link to us we link to you free  
Trade reciprocal links pr 4 & 5  
[www.a1-locksmith.com](#)[Citations: Disjoint-Access-Parallel Implementations of Strong ...](#)The **compare swap** (CAS) was introduced in the IBM System 370 architecture [24] ...  
...that our multiprocessor **linked list** implementation is more efficient ...  
[citeseer.ist.psu.edu/context/126210/0](#) - 43k - [Cached](#) - [Similar pages](#)[Automatic Link Exchange](#)Start 3-way & Multi-way Linking now  
Join us. It's the way of the future  
[www.links Citadel.com](#)[Citations: Algorithms for scalable synchronization on sharedmemory ...](#)A Practical Multi-Word **Compare-and-Swap** Operation - Harris, Fraser, ... the third  
algorithm we consider, the spin queue is stored as a shared **linked list**. ...  
[citeseer.ist.psu.edu/context/1814421/600741](#) - 35k - [Cached](#) - [Similar pages](#)[Free Links Direct](#)Relevant quality backlinks for free  
Increase your search engine ranking  
[www.freelinksdirect.com](#)[Citations: Synchronization without contention - Mellor-Crummey ...](#)[Link Exchange Service](#)

Each waiter spins on a separate node of the **linked list**. ... f int P, f, g; f = Q flag[myid]  
atomic f **swap** P = QL; g = Qf; QL = myid; Qf = f; ...  
citeseer.ist.psu.edu/context/61132/0 - 43k - [Cached](#) - [Similar pages](#)

Auto **Swap** links with quality sites,  
Increase your **Link Popularity** & **PR!**  
[www.lnkadder.com](http://www.lnkadder.com)

Citations: Multiprocessor synchronization primitives with ...  
Building FIFO and Priority-Queueing Spin Locks from Atomic **Swap** - Craig (1993) ...  
with the exception that Markatos algorithm maintains a doubly **linked list**. ...  
citeseer.ist.psu.edu/context/461413/0 - 22k - [Cached](#) - [Similar pages](#)

Free Link Exchange  
Automated Reciprocal Link Exchange  
Service. Boost Your Link Popularity  
[LinkDash.com](http://LinkDash.com)

Citations: Concurrent set manipulation without locking - Lanin ...  
Lock-Free **Linked Lists** Using **Compare-and-Swap** - Valois (1995) (33 citations) ...  
blocking set implementation that uses operations similar to **compare swap**. ...  
citeseer.ist.psu.edu/context/12105/0 - 26k - [Cached](#) - [Similar pages](#)

Citations: Systems Programming: Coping with Parallelism - Treiber ...  
It represents the stack as a singly **linked list** with a Top pointer. It uses **compare** and  
**swap** to modify the value of Top atomically. Commented pseudo code of ...  
citeseer.ist.psu.edu/context/430744/0 - 25k - [Cached](#) - [Similar pages](#)

Citations: Lock-free garbage collection for multiprocessors ...  
Lock-Free **Linked Lists** Using **Compare-and-Swap** - Valois (1995) (33 ... other lock  
free data structures such as **linked lists** and binary search trees [22] The ...  
citeseer.ist.psu.edu/context/84204/0 - 26k - [Cached](#) - [Similar pages](#)

Citations: A methodology for implementing highly concurrent data ...  
....does not support Load **linked** Store conditional instructions. Instead we used a  
slightly modified version that supports a 64 bit **Compare** and **Swap** ...  
citeseer.ist.psu.edu/cs?q=dbnum%3D1%2CGID%3D5891%2CDID%3D6820%  
2Cstart%3D50%2Ccluster%3Dnone%2Cqtype%3Dcon... - 45k -  
[Cached](#) - [Similar pages](#)

Citations: Operating Systems and Computer Architecture - Sites ...  
... and Stone [37] presented lock free algorithms based on **compare** and **swap**. ... by  
keeping a dummy node at the head (dequeue end) of a singly **linked list**, ...  
citeseer.ist.psu.edu/context/430742/0 - 14k - [Cached](#) - [Similar pages](#)

Citations: Scalable Reader-Writer Synchronization for SharedMemory ...  
Markatos [27] uses a doubly **linked list** in a queue based lock to replace ... A  
simulation of **compare** and **swap** using load **linked** and store conditional is ...  
citeseer.ist.psu.edu/context/113957/0 - 30k - [Cached](#) - [Similar pages](#)

Correction of a Memory Management Method for Lock-Free Data ...  
34 Lock-free **Linked Lists** using **Compare-and-swap** - Valois - 1995 31 Rensselaer  
Polytechnic Institute (context) - Valois, Structures et al. - 1995 ...  
citeseer.ist.psu.edu/michael95correction.html - 24k - [Cached](#) - [Similar pages](#)

Citations: The Synergy Between Non-Blocking Synchronization and ...  
Such algorithms use low level atomic primitives such as **compare** and **swap** ...  
stacks, and **linked lists**, a non blocking operation has lower latency then ...  
citeseer.ist.psu.edu/context/68841/13200 - 35k - [Cached](#) - [Similar pages](#)

Citations: Primitives for Asynchronous List Compression - Anderson ...  
or **compare swap** (CS ) 8] The arity of an operation type is the number of ... as load  
**linked** (LL) and store conditional (SC) 14] For ease of programming, ...  
citeseer.ist.psu.edu/context/255304/0 - 14k - [Cached](#) - [Similar pages](#)

Citations: Implementing wait-free objects in priority-based ...  
Consequently they show an implementation of the **Compare** and **Swap** from reads  
and ... a wait free implementation of a **linked list** from **compare** and **swap** for ...  
citeseer.ist.psu.edu/context/5873/68478 - 38k - [Cached](#) - [Similar pages](#)

Citations: Concurrent Queues: Practical Fetch-and-Phi Algorithms ...  
R is implemented as a simple, singlylinked list. ... Fetch and store and **compare** and  
**swap**, for example, are essential for manipulating pointers to build ...  
citeseer.ist.psu.edu/context/430738/0 - 11k - [Cached](#) - [Similar pages](#)

Citations: Transactional Memory: Architectural Support for Lock ...  
The double **Compare Swap** operation allows updating both head, ... Our new  
algorithms for insertion and deletion into a shared **linked list** which are presented ...  
citeseer.ist.psu.edu/context/68842/38800 - 60k - [Cached](#) - [Similar pages](#)

Citations: The Performance Implication of Spin-Waiting ...  
Mellor Crummey and Scott (MCS) implement a queue as a **linked list**, and use atomic  
operations such as **swap** or **compare** and **swap** to update the list correctly ...  
citeseer.ist.psu.edu/context/53940/0 - 44k - [Cached](#) - [Similar pages](#)

Citations: Universal constructions for large objects - Anderson ...  
The implementation is based on a multi word **compare** and **swap** (MWCAS) ...

....**linked lists**. As mentioned above, we make use of incremental helping in our ...  
citeseer.ist.psu.edu/context/5869/10894 - 45k - [Cached](#) - [Similar pages](#)

#### Citations: and Practical Non-Blocking and Blocking Concurrent ...

The enqueue operation adds one item to the tail of the **linked list** and the ... an atomic double **compare** and **swap** operation or requiring unbounded memory. ...  
citeseer.ist.psu.edu/context/145514/0 - 35k - [Cached](#) - [Similar pages](#)

#### Allocating Memory in a Lock-Free Manner (ResearchIndex)

34 Lock-free **linked lists** using **compare-and-swap** - Valois - 1995 25 Hoard: A scalable memory allocator for multithreaded applica.. - Berger, McKinley et al. ...  
citeseer.ist.psu.edu/gidenstam04allocating.html - 23k - [Cached](#) - [Similar pages](#)

#### Citations: Algorithms for scalable synchronization on shared ...

The second solution is more complex, using a **linked list** structure to ensure FIFO ... in Figure 5.13 in the form of a class and using only **compare** and **swap**. ...  
citeseer.ist.psu.edu/context/13037/0 - 44k - [Cached](#) - [Similar pages](#)

#### Citations: Axioms for concurrent objects - Herlihy, Wing ...

Our new algorithms for insertion and deletion into a shared **linked list** which ... an atomic double **compare** and **swap** operation or requiring unbounded memory. ...  
citeseer.ist.psu.edu/context/12099/0 - 37k - [Cached](#) - [Similar pages](#)

#### Citations: Institute for Advanced Computer Studies - Pugh, of ...

Lock-Free **Linked Lists** Using **Compare-and-Swap** - Valois (1995) (33 citations) (Correct) ....evenly distributes the operations across the **lists**, then we would ...  
citeseer.ist.psu.edu/context/622126/0 - 21k - [Cached](#) - [Similar pages](#)

#### A Lazy Concurrent List-Based Set Algorithm (ResearchIndex)

34 Lock-free **linked lists** using **compare-and-swap** - Valois - 1995 18 Design Principles and Patterns (context) - Lea, in et al. - 1999 ...  
citeseer.ist.psu.edu/733983.html - 20k - [Cached](#) - [Similar pages](#)

#### Citations: Universal Operations: Unary versus Binary - Attiya ...

A leading candidate among such operations is double **compare** and **swap** (DCAS) a CAS ... (such as load link store conditional or read modify write) is assumed. ...  
citeseer.ist.psu.edu/context/391916/320030 - 28k - [Cached](#) - [Similar pages](#)

#### Fast and Lock-Free Concurrent Priority Queues for Multi-Thread ...

3: Lock-free **Linked Lists** using **Compare-and-swap** - Valois - 1995 3: A Method for Implementing Lock-Free Shared Data Structures (context) - Barnes - 1993 ...  
citeseer.ist.psu.edu/sundell03fast.html - 25k - [Cached](#) - [Similar pages](#)

#### Citations: Nonblocking Algorithms and Preemption-Safe Locking on ...

... ..the double **compare** and **swap** atomic primitive that is available only ... and Scott in [12] presented a nonblocking queue based on a singly link list, ...  
citeseer.ist.psu.edu/context/869104/111345 - 28k - [Cached](#) - [Similar pages](#)

#### Implementing Lock-Free Queues - Valois (ResearchIndex)

10: Lock-free **Linked Lists** using **Compare-and-swap** - Valois - 1995 10: Linearizability: A correctness condition for concurrent objects (context) - Herlihy, ...  
citeseer.ist.psu.edu/valois94implementing.html - 24k - [Cached](#) - [Similar pages](#)

#### Citations: The NYU ultracomputer --- designing a MIMD - Gottlieb ...

Other RMW primitives include **compare swap** [83] fetch add [43], ... executes over a fixed order of the processors the prefix operation on a **linked list** [48, ...  
citeseer.ist.psu.edu/context/15181/0 - 37k - [Cached](#) - [Similar pages](#)

#### Citations: A framework for implementing objects and scheduling ...

After considering MWCAS, we present an implementation of **linked lists** for ... 2] The implementation is based on a multi word **compare** and **swap** (MWCAS) ...  
citeseer.ist.psu.edu/context/5871/13756 - 40k - [Cached](#) - [Similar pages](#)

#### Citations: Synchronization Without Contention - Mellor-Crummey ...

... using atomic operations such as **swap** and **compare swap** to update the list. ... link allocation policies among virtual channels, buffer sizes, ...  
citeseer.ist.psu.edu/context/2030715/513537 - 15k - [Cached](#) - [Similar pages](#)

#### Citations: Low-overhead scheduling of nested parallelism - Hummel ...

Lock-Free **Linked Lists** Using **Compare-and-Swap** - Valois (1995) (33 citations) (Correct) ....In addition to the universal methods, algorithms have also been ...  
citeseer.ist.psu.edu/context/57009/0 - 36k - [Cached](#) - [Similar pages](#)

#### Non-Blocking Algorithms for Concurrent Data Structures - Prakash ...

9: A NonBlocking Algorithm for Shared Queues Using **Compare-and-Swap** ... 4 A Parallel **Linked List** for Shared-Memory Multiprocessors (context) - Tang, ...  
citeseer.ist.psu.edu/prakash91nonblocking.html - 24k - [Cached](#) - [Similar pages](#)

Memory Management [CiteSeer: NEC Research Institute: Steve ...

17 Lock-Free **Linked Lists** Using **Compare-and-Swap** - Valois (1995) (Correct) Lock-free data structures implement concurrent objects without the use of mutual ...  
citeseer.ist.psu.edu/OperatingSystems/MemoryManagement/ - 121k -  
[Cached](#) - [Similar pages](#)

Citations: Impossibility and universality results for wait-free ...

Primitives such as an atomic append to a **list** and **compare swap** are universal ... The load **linked** and store conditional operations, however, are universal at ...  
citeseer.ist.psu.edu/cs?q=dbnum%3D1%2CGID%3D12096%2CDID%3D0%2Cstart%3D50%2Ccluster%3Dnone%2Cqtype%3Dcontext: - 17k - [Cached](#) - [Similar pages](#)

Distributed Queue-based Locking using Advanced Network Features ...

34 Lock-free **linked lists** using **compare-and-swap** - Valois - 1995 24 and practical non-blocking and blocking concurrent queue alg. ...  
citeseer.ist.psu.edu/devulapalli05distributed.html - 21k - [Cached](#) - [Similar pages](#)

Citations: The Effect of Sharing on the Cache and Bus Performance ...

The network traffic of the **linked list** directory is the same as that for the ... the case in which load **linked** store conditional simulates **compare** and **swap**. ...  
citeseer.ist.psu.edu/cs?q=dbnum%3D1%2CGID%3D12680%2CDID%3D0%2Cstart%3D50%2Ccluster%3Dnone%2Cqtype%3Dcontext: - 26k - [Cached](#) - [Similar pages](#)

Scalable and Lock-Free Concurrent Dictionaries (ResearchIndex)

0.6: Fast, Reactive and Lock-free Multi-Word **Compare-and-Swap**. ... 10 A pragmatic implementation of nonblocking **linked lists** - Harris - 2001 ...  
citeseer.ist.psu.edu/sundell04scalable.html - 21k - [Cached](#) - [Similar pages](#)

Efficient Object Sharing in Shared-Memory Multiprocessors - Moir ...

34 Lock-Free **Linked Lists** Using **Compare-and-Swap** - Valois - 1995 34 Time Lapse Snapshots - Dwork, Herlihy et al. - 1992 33 Economical Solutions for the ...  
citeseer.ist.psu.edu/moir96efficient.html - 34k - [Cached](#) - [Similar pages](#)

Hood: A User-Level Thread Library for Multiprogramming ...

34 Lock-free **linked lists** using **compare-and-swap** - Valois - 1995 31 Coscheduling based on runtime identification of activity wor. ...  
citeseer.ist.psu.edu/papadopoulos98hood.html - 27k - [Cached](#) - [Similar pages](#)

Citations: Edinburgh Parallel Computing Centre - Booth, Fisher ...

Each processor stores the nonzero elements belonging to its local matrix in two ways: Like a semi ordered, two dimensional **linked list**, or by using a ...  
citeseer.ist.psu.edu/context/74836/0 - 15k - [Cached](#) - [Similar pages](#)

Citations: Universal Constructions for Multi-Object Operations ...

A similar mechanism is used in a constant time implementation of load **linked** and store conditional from read and **compare** and **swap** presented by Anderson and ...  
citeseer.ist.psu.edu/context/68837/19172 - 42k - [Cached](#) - [Similar pages](#)

Citations: A prioritized multiprocessor spin lock - Johnson ...

Markatos and LeBlanc [5] extend the MCS scheme by using a doubly **linked list**. ... word **compare** and **swap** operation is necessary to implement the PR lock. ...  
citeseer.ist.psu.edu/context/606087/74221 - 11k - [Cached](#) - [Similar pages](#)

Citations: Concurrent access of priority queues - Rao, Kumar ...

... 17] and various lock free queues that are based on the **compare** and **swap** operation ... 1991) and the **Linked Lists** (Jones 1986) The rest of this paper is ...  
citeseer.ist.psu.edu/context/77319/180857 - 40k - [Cached](#) - [Similar pages](#)

An Almost Non-Blocking Stack (ResearchIndex)

0.1: A Practical Multi-Word **Compare-and-Swap** Operation - Harris, Fraser, ... 10 A pragmatic implementation of non-blocking **linked-lists** - Harris - 2001 ...  
citeseer.ist.psu.edu/boehm04almost.html - 19k - [Cached](#) - [Similar pages](#)

Citations: Software Transactional Memory - Shavit, Touitou ...

... the idea of supporting Array Array **Linked Snark** with used as **list** with (with ... A leading candidate among such operations is double **compare** and **swap** ...  
citeseer.ist.psu.edu/context/68845/978 - 31k - [Cached](#) - [Similar pages](#)

DCAS-Based Concurrent Deques - Agesen, Detlefs, Flood, Garthwaite ...

Array Array **Linked Snark** with used as **list** with (with centralized circular ... 1 Platform independent double **compare** and **swap** operation (context) - Agesen, ...  
citeseer.ist.psu.edu/agesen00dcasbased.html - 25k - [Cached](#) - [Similar pages](#)

Citations: A pragmatic implementation of non-blocking linked lists ...

A pragmatic implementation of non-blocking **linked lists**. ... A Practical Multi-Word **Compare-and-Swap** Operation - Harris, Fraser, Pratt (2002) (6 citations) ...  
citeseer.ist.psu.edu/contextsummary/1967682/502555 - 10k - [Cached](#) - [Similar pages](#)

Citations: Efficient locking for concurrent operations on b-trees ...

KMH97] generalized the ideas of R link trees to apply to a broader class of tree ... 5  
**Compare** and **swap** (L, O, N) compares the value in location L to O and, ...  
 citeseer.ist.psu.edu/ cs?q=dbnum%3D1%2CGID%3D890%2CDID%3D0%2Cstart%  
 3D50%2Ccluster%3Dnone%2Cqtype%3Dcontext: - 24k - [Cached](#) - [Similar pages](#)

Citations: The Art of Computer Programming: Fundamental Algorithms ...

Postorder with Degrees **List** of Children (LOC) This representation uses ... double  
 ended queues (dequeues) using the double **compare** and **swap** operation. ...  
 citeseer.ist.psu.edu/context/1535/0 - 33k - [Cached](#) - [Similar pages](#)

Citations: Dynamic Decentralized Cache Schemes for MIMD Parallel ...

... Figure 3: Part of Doubly **Linked List** Benchmark mechanisms were (1) test and  
 test ... fetch and add, **compare** and **swap**, and load **linked** store conditional, ...  
 citeseer.ist.psu.edu/ cs?q=dbnum%3D1%2CGID%3D14736%2CDID%3D0%2Cstart%  
 3D50%2Ccluster%3Dnone%2Cqtype%3Dcontext: - 32k - [Cached](#) - [Similar pages](#)

Citations: Scalable Reader-Writer Synchronization for Shared ...

The Mellor Crummery and Scott (MCS) scheme [4] is a **list** based reader ... such as  
 fetch and add and **compare** and **swap**, and are extensions of their work on ...  
 citeseer.ist.psu.edu/context/2030716/0 - 11k - [Cached](#) - [Similar pages](#)

Citations: Lock-Free Data Structures PhD Thesis - Valois ...

... based queue which requires the double **compare** and **swap** atomic primitive ... and  
 Scott in [12] presented a nonblocking queue based on a singly **link list**, ...  
 citeseer.ist.psu.edu/context/1705751/0 - 9k - [Cached](#) - [Similar pages](#)

tim harris - ResearchIndex document query

A Pragmatic Implementation of Non-Blocking **Linked-Lists** - Harris (2001) (Correct)  
 (7 ... A Practical Multi-Word **Compare-and-Swap** Operation - Harris, Fraser, ...  
 citeseer.ist.psu.edu/cis?q=Tim+Harris - 19k - [Cached](#) - [Similar pages](#)

Citations: Reusable software components - Weide, Ogden, Zweben ...

Generics defined for sorted **linked list** explicitly test sort direction; ... Finalize, and  
**Swap** [13, 5, 7], the basic Ada queue package provided the standard ...  
 citeseer.ist.psu.edu/context/207670/0 - 32k - [Cached](#) - [Similar pages](#)

Citations: Synchronization Algorithms for SharedMemory ...

... a pointer which was returned by the **swap**, contains the value FREE. ... third  
 algorithm we consider, the spin queue is stored as a shared **linked list**. ...  
 citeseer.ist.psu.edu/context/51024/0 - 34k - [Cached](#) - [Similar pages](#)

Citations: DYMOS: A dynamic modification system - Lee (ResearchIndex)

....equivalent **linked list** is used at the time of change. ... It would also, at this point, be  
 instructive to **compare** our framework and goals with the work ...  
 citeseer.ist.psu.edu/context/682857/0 - 30k - [Cached](#) - [Similar pages](#)

How to share a data structure: A fast timing-based solution ...

34 Lock-Free **Linked List** Using **Compare-and-Swap** - Valois - 1995 33 on  
 Programming Languages and Systems (context) - Herlihy, ACM - 1991 ...  
 citeseer.ist.psu.edu/alur97how.html - 23k - [Cached](#) - [Similar pages](#)

xiaorong pu - ResearchIndex document query

Lock-Free **Linked Lists** Using **Compare-and-Swap** - Valois (1995) (Correct) (33  
 citations) to the interior of the **list**. Massalin and Pu [19] coined the term ...  
 citeseer.ist.psu.edu/cis?q=Xiaorong+Pu - 25k - [Cached](#) - [Similar pages](#)

Citations: A Unified Approach for Simplifying Polygonal and Spline ...

It should be tagged retained after the **swap** diagonal operation, ... class traversal  
 using a **linked list** and is explained in [Gop98] The algorithms and data ...  
 citeseer.ist.psu.edu/context/953314/240177 - 13k - [Cached](#) - [Similar pages](#)

Citations: Department of Information and Computer Science - link ...

, On the **link** between error correlation and error reduction in decision tree ... machine  
 with 256MB of ECC RAM and 1GB of **swap** space running FreeBSD ....  
 citeseer.ist.psu.edu/context/895869/0 - 26k - [Cached](#) - [Similar pages](#)

Citations: Efficient Synchronization Primitives for LargeScale ...

Their scheme requires the support of cache coherence to maintain a **linked list**  
 queue, where the header processor of the queue becomes the owner of the lock ...  
 citeseer.ist.psu.edu/context/14732/0 - 43k - [Cached](#) - [Similar pages](#)

Citations: MIPS RISC Architecture - Gerry (ResearchIndex)

The actual performance difference would depend on the relative expense of the **swap**  
 and **compare** and **swap** instructions on a given machine. ...  
 citeseer.ist.psu.edu/context/606927/0 - 27k - [Cached](#) - [Similar pages](#)

Citations: MIPS IV Instruction Set - Price (ResearchIndex)

1 For this reason, processors generally provide synchronization primitives, such as test and set or **compare** and **swap** in their instruction set architecture ...  
citeseer.ist.psu.edu/context/47608/0 - 29k - [Cached](#) - [Similar pages](#)

Citations: Algorithms for scalable synchronization on shared ...  
... **compare** and **swap** 1 . The representative algorithms, described in Section 2, included those of Hunt et al. 17] a variant of the skip lists of Pugh [27] ...  
citeseer.ist.psu.edu/cs?q=dbnum%3D1%2CGID%3D13037%2CDID%3D0%2Cstart%3D50%2Ccluster%3Dnone%2Cqtype%3Dcontext: - 25k - [Cached](#) - [Similar pages](#)

brian j read - ResearchIndex document query  
**swap** may succeed when it should not, if between the read and the **compare** and ...  
Intrusion Detection for Link-State Routing Protocols - Wu, Wang, Vetter, ...  
citeseer.ist.psu.edu/cis?q=Brian+J.+Read - 23k - [Cached](#) - [Similar pages](#)

Citations: Personalizing web sites for mobile users - Anderson ...  
Our **comparison** of existing techniques showed that a mixture of Markov models ...  
(eg add a link between two pages, rearrange list items on a page, elide ...  
citeseer.ist.psu.edu/context/1758103/517440 - 18k - [Cached](#) - [Similar pages](#)

Citations: Architecture and Instruction Set Reference Manual - PA ...  
... test and set or **compare** and **swap** in their instruction set architecture [2, 3, ...  
linked store conditionally instruction that, on some uniprocessors, ...  
citeseer.ist.psu.edu/context/52635/0 - 37k - [Cached](#) - [Similar pages](#)

Architecture [CiteSeer; NEC Research Institute; Steve Lawrence ...  
i Acknowledgments iii List of Tables vii List of Figures ix Chapter 1 Introduction 1 ...  
**compare** and **swap**, load linked, and store conditional on large-scale ...  
citeseer.ist.psu.edu/Architecture/hubs.html - 117k - [Cached](#) - [Similar pages](#)

Rule Based Systems [CiteSeer; NEC Research Institute; Steve ...  
The CN2 algorithm induces an ordered list of classification rules from examples using ... Damerau and Weiss used a rule induction technique called **Swap**- to ...  
citeseer.ist.psu.edu/MachineLearning/RuleBasedSystems/ - 116k - [Cached](#) - [Similar pages](#)

Citations: Projection Factorisations in Partial Evaluation ...  
...the projection Id A ThetaAbs B , and that of the expression **swap**(x; ... 1991)  
Furthermore, the link between projection analysis and unboxed types ...  
citeseer.ist.psu.edu/context/99656/0 - 41k - [Cached](#) - [Similar pages](#)

Citations: A GRASP for graph planarization - Resende, Ribeiro ...  
In his **comparison**, the algorithm of J unger and Mutzel(JM) 15] performed best in solution ... If a **swap** improves the cost of the assignment, it is accepted. ...  
citeseer.ist.psu.edu/context/384596/112790 - 26k - [Cached](#) - [Similar pages](#)

Citations: The Design of the UNIX Operating System - Bach ...  
In addition, the system maintains a list of active channels and uses a mount table ...  
algorithms rather than simple Test and Set or **Compare** and **Swap**. ...  
citeseer.ist.psu.edu/cs?q=dbnum%3D1%2CGID%3D25866%2CDID%3D0%2Cstart%3D100%2Ccluster%3Dnone%2Cqtype%3Dcontext: - 22k - [Cached](#) - [Similar pages](#)

Citations: Finding Groups in Data - Kaufman, Rousseeuw (ResearchIndex)  
We also **compare** the retrieval performance between the Ranked ViSig method ... the **swap** results in an improvement of the quality of the clustering (see [9, ...  
citeseer.ist.psu.edu/context/230015/0 - 26k - [Cached](#) - [Similar pages](#)

Citations: Maximizing the predictive value of production rules ...  
2 **Comparison** to CART The system is a similar in concept to recursive ... including deleting a component# (b) If no **swap** is found, add the single best ...  
citeseer.ist.psu.edu/context/18280/0 - 32k - [Cached](#) - [Similar pages](#)

Citations: An algorithm for optimal lambda calculus reduction ...  
Remark 7 In the case of mux **swap**, the pair of facing muxes might even be generated ... we defer a more detailed **comparison** to the conclusion of this paper. ...  
citeseer.ist.psu.edu/context/109514/0 - 37k - [Cached](#) - [Similar pages](#)

Citations: The Institute of Electrical and Electronics Engineers ...  
**Comparison** Between Different Adaptive Pre-Equalization. ... The AMPL solver interface library will automatically **swap** bytes if necessary so that a binary ...  
citeseer.ist.psu.edu/context/147565/0 - 58k - [Cached](#) - [Similar pages](#)

Citations: Strategies for multilocus linkage analysis in humans ...  
Table 4.1 lists the problem size and the sequential execution time for each ... operations (which are stored in the vector **SWAP**) have to be carried out in ...  
citeseer.ist.psu.edu/context/179621/0 - 40k - [Cached](#) - [Similar pages](#)

Citations: Randomized Dynamic Graph Algorithms with ...

We **compare** implement algorithms of Henzinger and King [Henzinger and King 1995] and ... that the coverage bit of tree edges are not modified during a **swap**. ...  
citeseer.ist.psu.edu/context/302724/0 - 61k - [Cached](#) - [Similar pages](#)

kuan ching li - ResearchIndex document query

it pushes this element down (**swap** it with the larger child) the heap, making two **comparison** each step, Analysis Using Kolmogorov Complexity Ming Li City ...  
citeseer.ist.psu.edu/cis?q=Kuan-Ching+Li - 24k - [Cached](#) - [Similar pages](#)

Citations: Processes in Computer Program Comprehension ...

Beacons are important because they are the first **link** between the top down ... An example of a beacon may be a function called **swap** in a sorting program. ...  
citeseer.ist.psu.edu/context/369107/0 - 16k - [Cached](#) - [Similar pages](#)

Citations: Microprocessor User's Manual - Heinrich (ResearchIndex)

If the **link** is not broken, the store instruction will succeed. ... **compare** and **swap**, fetch and increment, fetch and add) which emulate a lock needed before ...  
citeseer.ist.psu.edu/context/178114/0 - 36k - [Cached](#) - [Similar pages](#)

Unix [CiteSeer; NEC Research Institute; Steve Lawrence; Kurt ...

**list** We followed some of the Unix conventions in specifying access br ... libcp br must access through the operating systems such as **swap** space file ...  
citeseer.ist.psu.edu/OperatingSystems/Unix/ - 121k - [Cached](#) - [Similar pages](#)

Citations: The Synthesis Approach to Digital Systems Design ...

In addition **list** Scheduling [MLD92] uses the topological order given by a ... **Comparison** with other approaches The synthesis process used within the MOVE ...  
citeseer.ist.psu.edu/context/178622/0 - 36k - [Cached](#) - [Similar pages](#)

Rule Based Systems [CiteSeer; NEC Research Institute; Steve ...

Damerau and Weiss used a rule induction technique called **Swap**- to ... lattices decision **lists** rule induction Introduction Research br Introduction Research ...  
citeseer.ist.psu.edu/MachineLearning/RuleBasedSystems/expected.html - 117k - [Cached](#) - [Similar pages](#)

janet read - ResearchIndex document query

Adf =**swap** (next Arg1) Arg1) Loc Adf =add (sub (read Arg1) add Arg1 Arg1)Arg1) Prt Adf =add ... A **comparison** of Protection Lookaside Buffers and the PA-RISC. ...  
citeseer.ist.psu.edu/cis?q=Janet+Read - 24k - [Cached](#) - [Similar pages](#)

Citations: Frameworks in the financial engineering domain: An ...

Here is a brief **list** of common hurdles in understanding a framework. ... workspace of the ET SwapsManager A **swap** is just one of many financial instruments. ...  
citeseer.ist.psu.edu/context/16890/137817 - 25k - [Cached](#) - [Similar pages](#)

Rule based systems [ResearchIndex; NEC Research Institute; Steve ...

...**compare** IREP to more mature tree and rule induction methods. ... Apte Damerau and Weiss used a rule induction technique called **Swap**- to produce... ...  
citeseer.ist.psu.edu/MachineLearning/Rulebasedsystems/ - 123k - [Cached](#) - [Similar pages](#)

*In order to show you the most relevant results, we have omitted some entries very similar to the 108 already displayed. If you like, you can [repeat the search with the omitted results included](#).*



Result Page: [Previous](#) [1](#) [2](#)

site:citeseer.ist.psu.edu compare sw

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google